

### **AMENDMENTS TO THE SPECIFICATION**

It is respectfully requested that the specification be amended without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

- 1.) Kindly replace the paragraph at Page 21, lines 1-10 with the following paragraph:

In one embodiment, the pore structure of the materials of the invention, *e.g.*, monolith materials, is modified by further including a surfactant or combination of different surfactants in the PSG reaction. In a specific embodiment, the surfactant or combination of surfactants includes at least one nonionic surfactant. Exemplary nonionic surfactants include but are not limited to surfactants comprised of block copolymers of polyethylene glycol and polypropyleneglycol, surfactants comprised of alkylphenoxypolyethoxyethanol, and polyethyleneglycol, *e.g.*, ~~Pluronic~~ PLURONIC<sup>®</sup> F38. In particular embodiments, the surfactant or combination of surfactants are selected from surfactants with a hydrophile-lipophile balance ranging from about 0 to 60, *e.g.*, about 10 to 50, *e.g.*, about 20 to 40, *e.g.*, about 30 to 40, *e.g.*, about 33.

2.) Kindly replace Table 1 at Page 31 with the following Table:

**TABLE 1**

Product	HOAc (mM)	Pluronic ®F38 (g)	Urea (g)	Vazo 64 (mg)	Time 0°C (min)	Time rt (h)	Time 65°C (h)	Time elevated temp (h)	Dense (Y/N)	Wall Adhesion (Y/N)
3a	15	0.715	0.508	5	30	60	15	8	Y	N
3b	30	0.708	0.503	5	30	1	18	7	Y	Y
3c	15	0.709	0.502	5	0	3	17	5	Y	Y
3d	30	0.698	0.501	5	0	3	17	5	Y	N
3e	15	0.797	0.509	3	0	3	17	5	Y	N
3f	30	0.793	0.511	3	0	3	17	5	Y	N
3g	15	0.695	0.511	5	0	3	17	5	Y	N
3h	15	0.793	0.504	5	0	3	17	5	Y	N
3i	15	0.593	0.511	4	0	4	5	72	N	Y
3j	15	0.558	0.496	4	0	4	5	72	N	Y
3k	30	0.561	0.502	0.5	0	3	2	18	N	Y
3l	30	0.595	0.498	1	0	3	2	18	Y	N
3m	30	0.659	0.496	1	0	3	2	18	Y	N
3n	30	0.703	0.497	1	0	3	2	18	Y	N
3o	30	0.790	0.496	1	0	3	2	18	Y	N
3p	30	0.560	0.499	1	0	3	2	16	N	Y
3q	30	0.533	0.508	3	0	3	2	16	N	N
3r	30	0.508	0.508	6	0	3	2	16	N	Y
3s	30	0.470	0.513	5	0	3	2	16	N	N
3t	30	0.415	0.501	2	0	3	2	16	N	Y

3.) Kindly replace Table 2 at Page 32 with the following Table:

**TABLE 2**

Product	HOAc (mM)	Pluronic ® F38 (g)	Urea (g)	Vazo 64 (mg)	Time rt (h)	Time 65°C (h)	Time elevated temp (h)	Dense (Y/N)	Wall Adhesion (Y/N)
4a	50	0.605	0.484	1	2	4	17	N	Y
4b	50	0.505	0.512	2	2	4	17	N	Y
4c	50	0.401	0.518	2	2	4	17	N	Y
4d	50	0.704	0.500	2	2	4	17	N	N
4e	50	0.358	0.495	3	2	4	17	N	Y
4f	50	0.403	0.502	1	2	20	8	N	Y
4g	70	0.418	0.500	1	2	20	8	N	Y
4h	100	0.400	0.492	1	2	20	8	N	N
4I	50	0.404	0.493	1	4	3	17	N	N
4j	70	0.419	0.492	1	4	3	17	N	N

4.) Kindly replace Table 2 at Page 32 with the following Table:

**TABLE 3**

Product	HOAc (mM)	Pluronic ® F38 (g)	Urea (g)	Vazo 44 (mg)	Time rt (h)	Time 60°C (h)	Time 100°C (h)	Dense (Y/N)	Wall Adhesion (Y/N)
8a	50	0.694	0.486	20	2	17	72	Y	N
8b	50	0.653	0.501	20	2	17	72	N	Y
8c	50	0.649	0.546	2	1	2	17	Y	N
8d	50	0.659	0.514	2	1	2	17	N	Y
8e	50	0.640	0.530	2	1	2	17	Y	N
8f	50	0.628	0.556	2	1	2	17	Y	N
8g	50	0.674	0.553	2	1	2	17	N	Y